

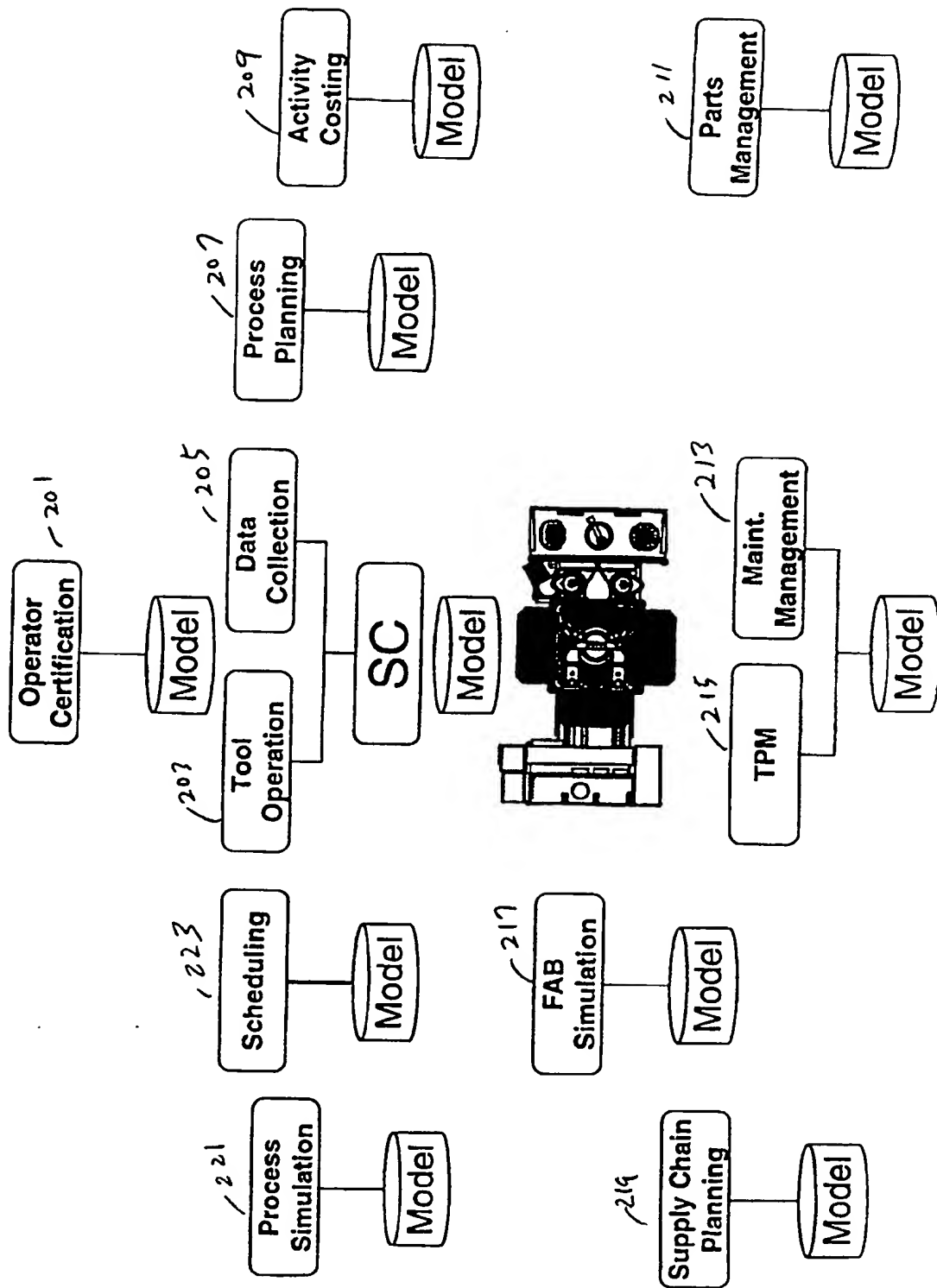
(Prior Art)

FIG. 1

CONTROLLER/SOFTWARE APPLICATIONS

(PRIOR ART)

Fig. 2



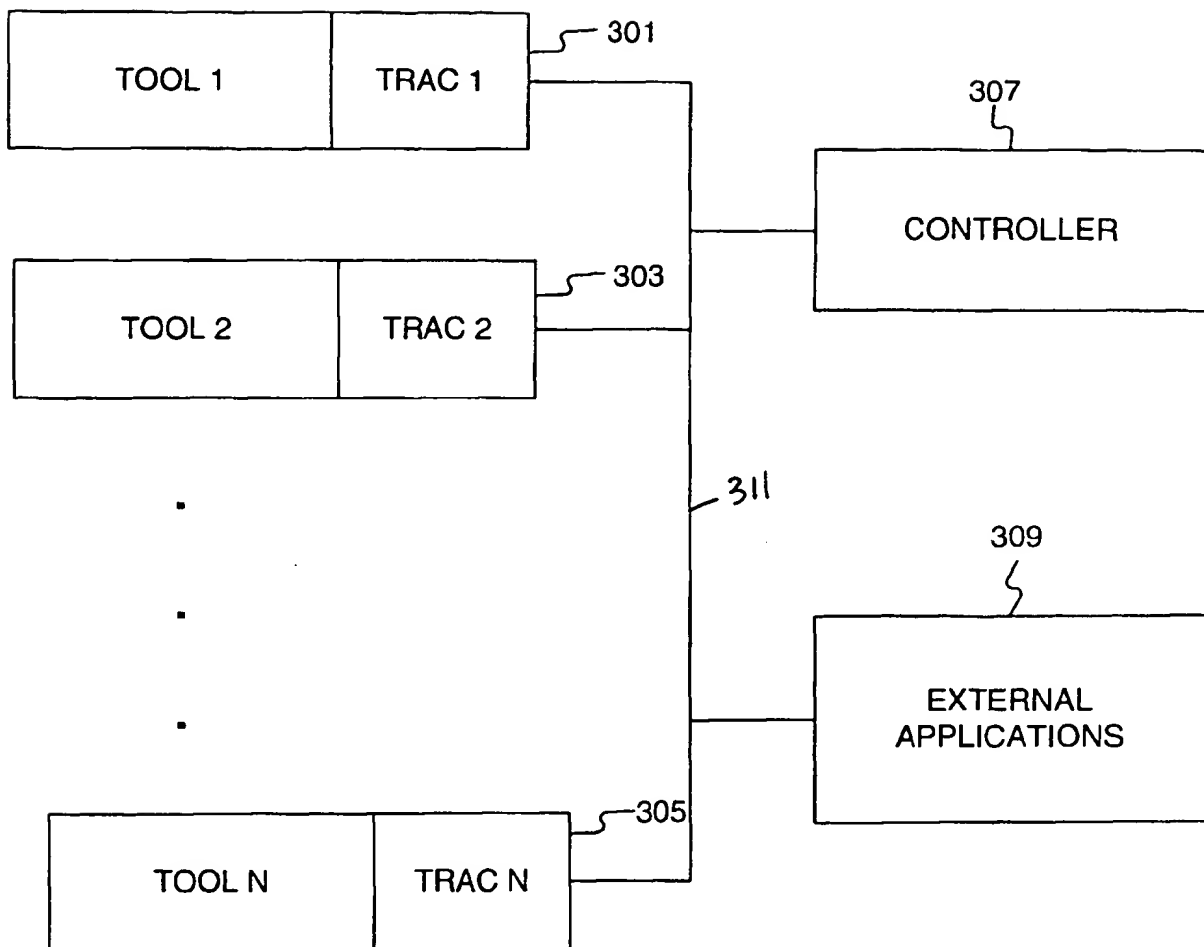


FIG. 3

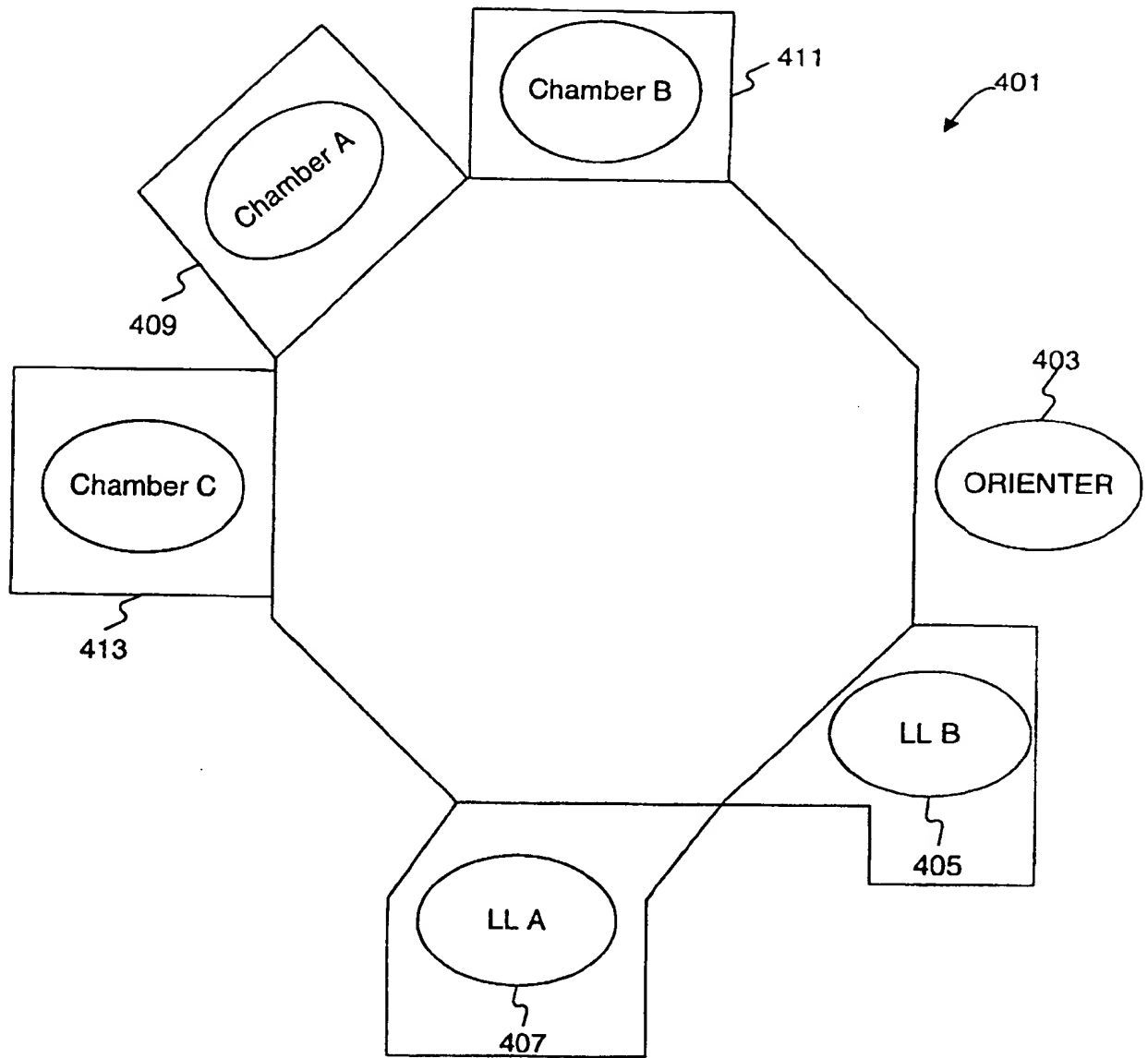


FIG. 4

FIG. 6

QoS - Cpk		Tool	Chamber A	Chamber B	Chamber C
Process Services					
	Process X				
	Process Y				
	Process Z				
	Process A		2.1	2.16	
	Process B		3.03	3.21	
	Process C				4.16

FIG. 7

QoS - Proc. Time		Tool	Chamber A	Chamber B	Chamber C
Process Services					
	Process X				
	Process Y				
	Process Z				
	Process A		42	43	
	Process B		36	41	
	Process C				130

05927444.081301

001 -

QoS - CPK		Tool 1	Tool 2	Tool 3	Tool 4
Process Services					
	Process X	2.35	2.1	2.16	
	Process Y	3.41	3.03	3.21	
	Process Z		4.19	4.21	4.16

FIG. 8

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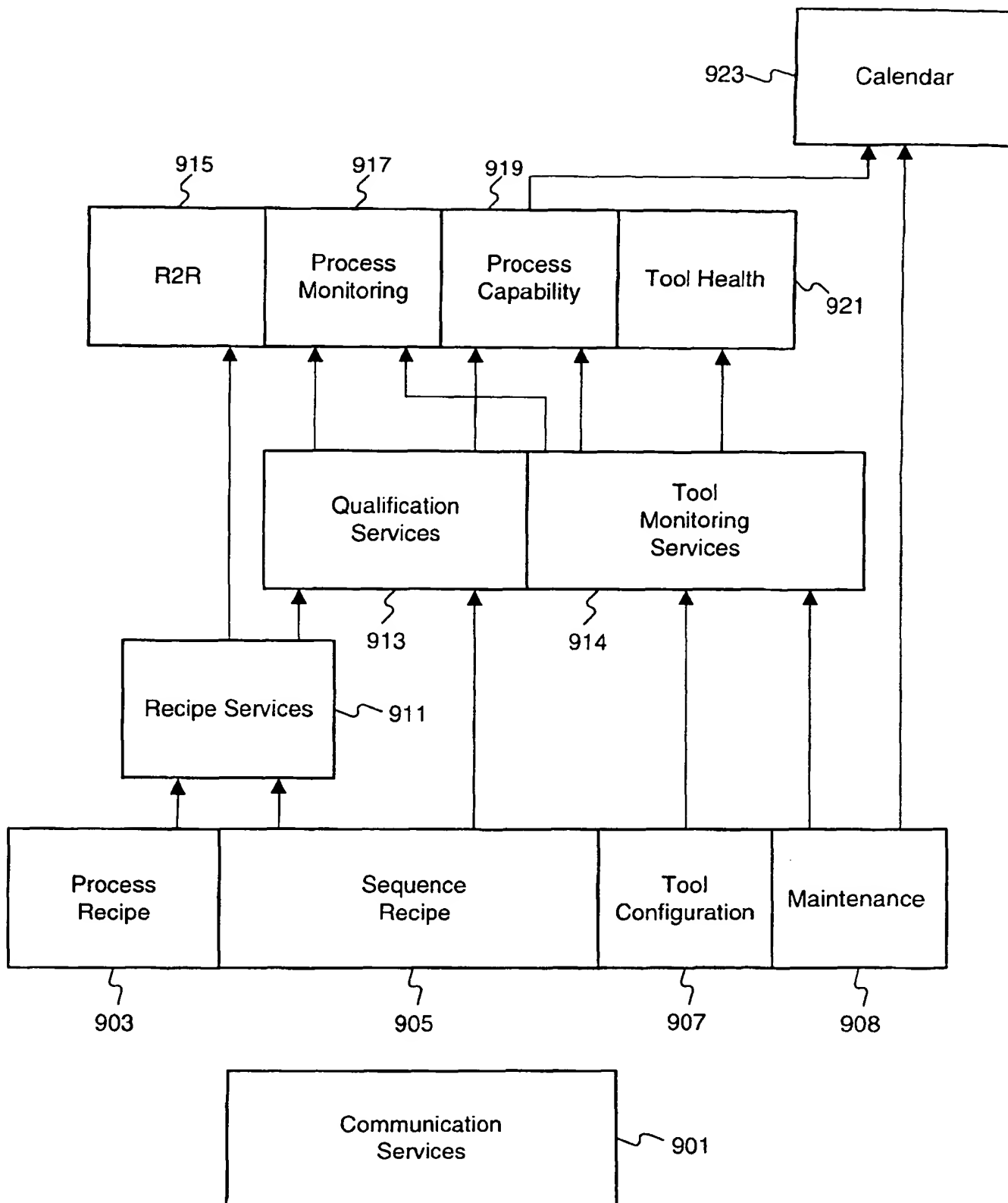


FIG. 9

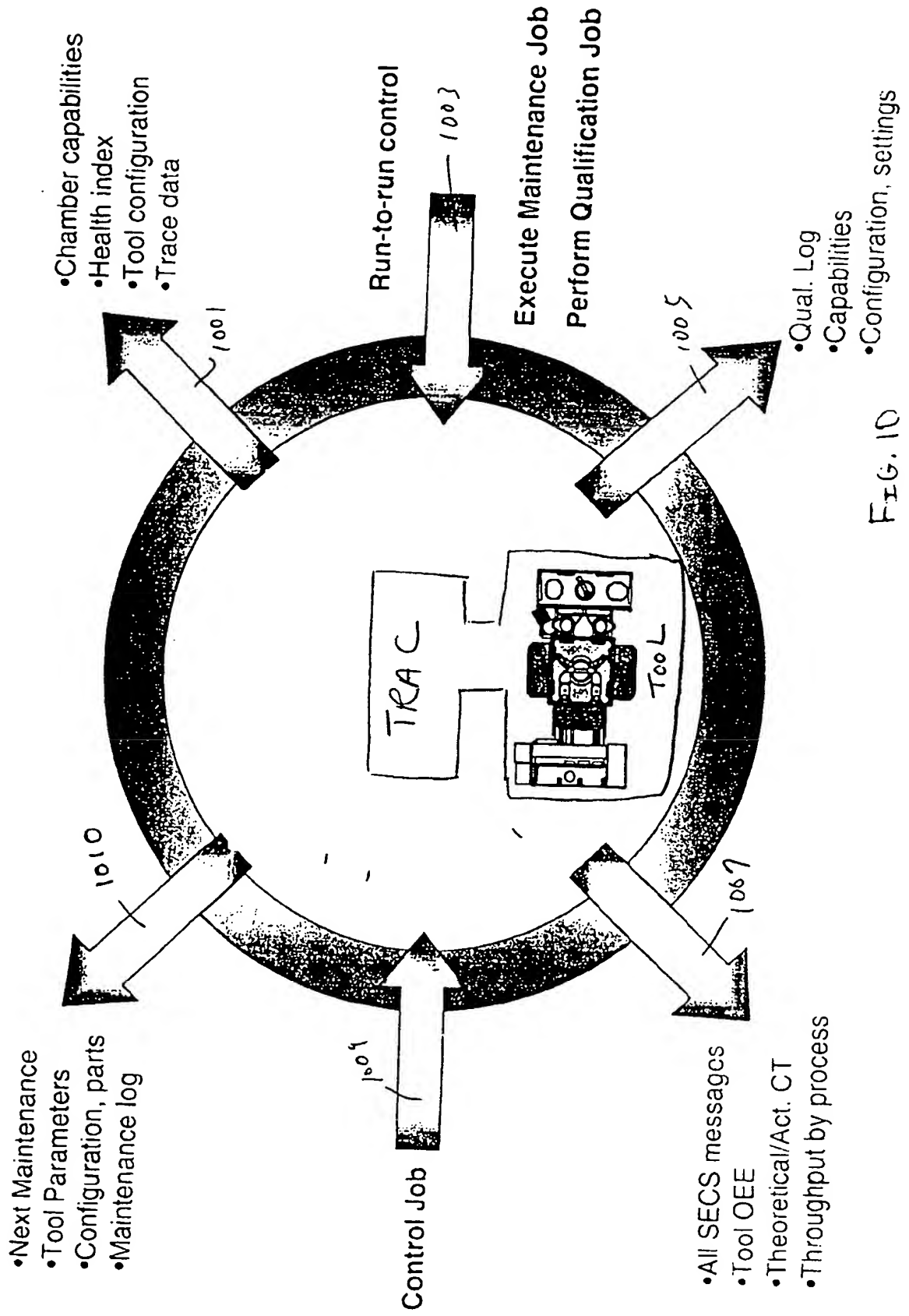
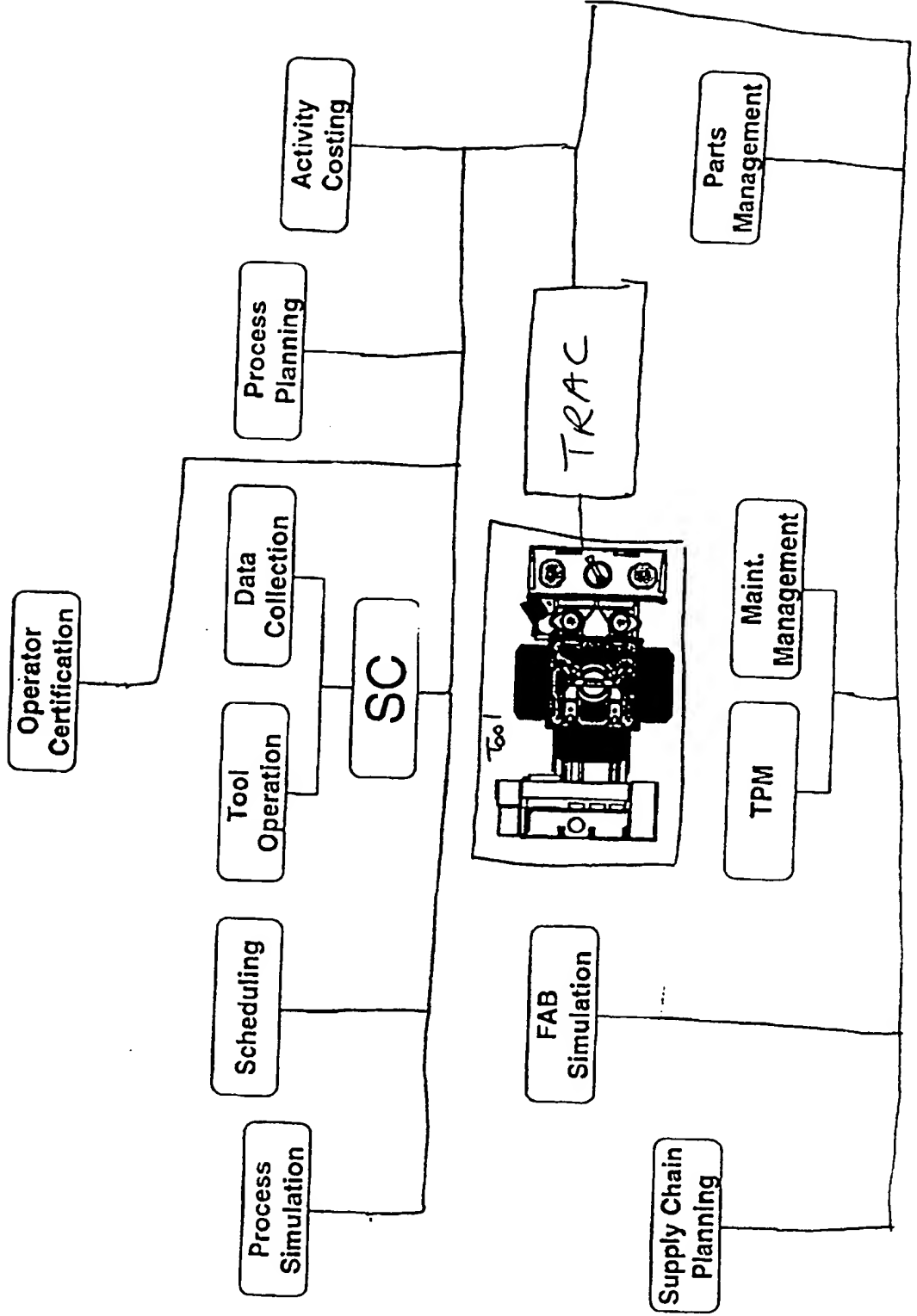


FIG. 10

CONTROLLER/SOFTWARE APPLICATIONS

Fig 11



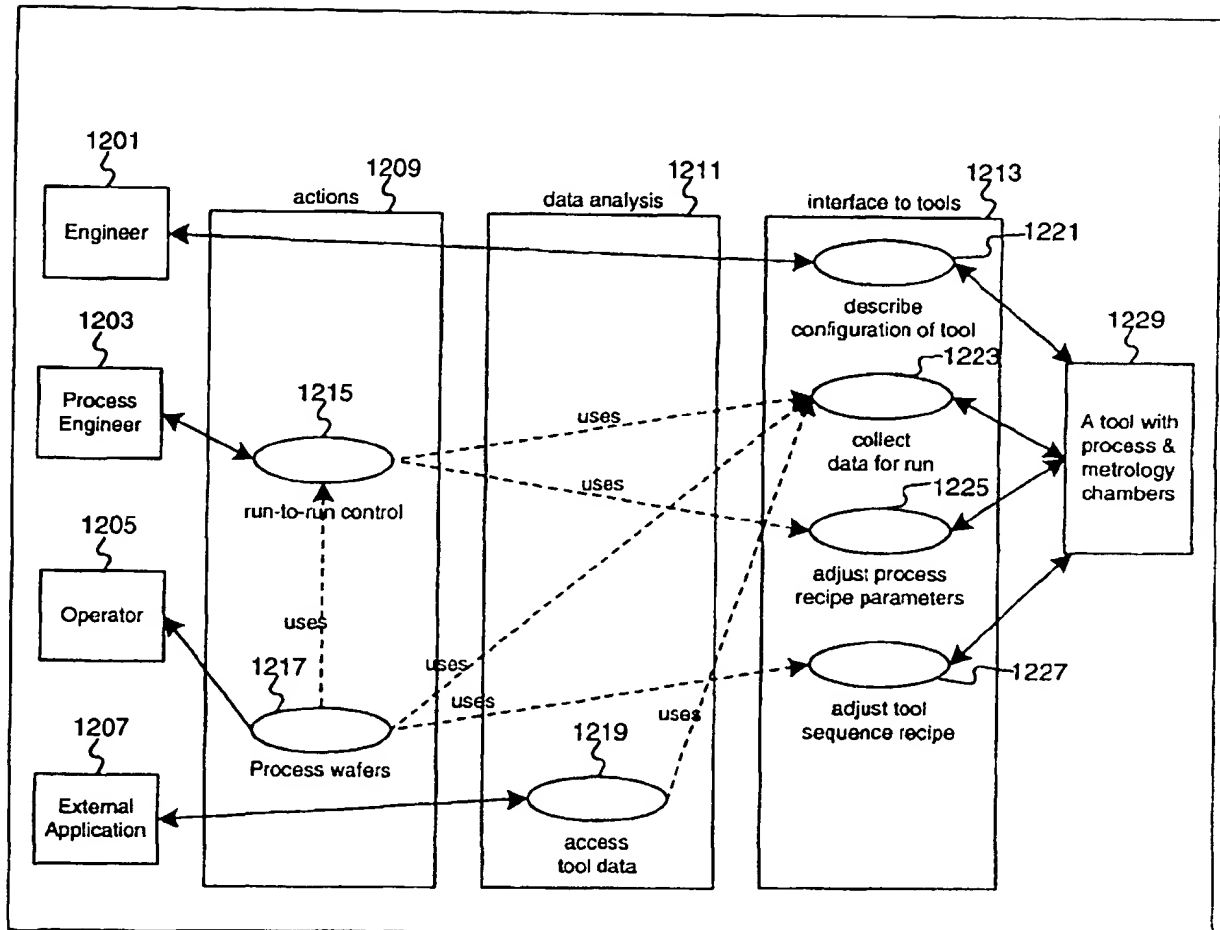


FIG. 12

0907-0813

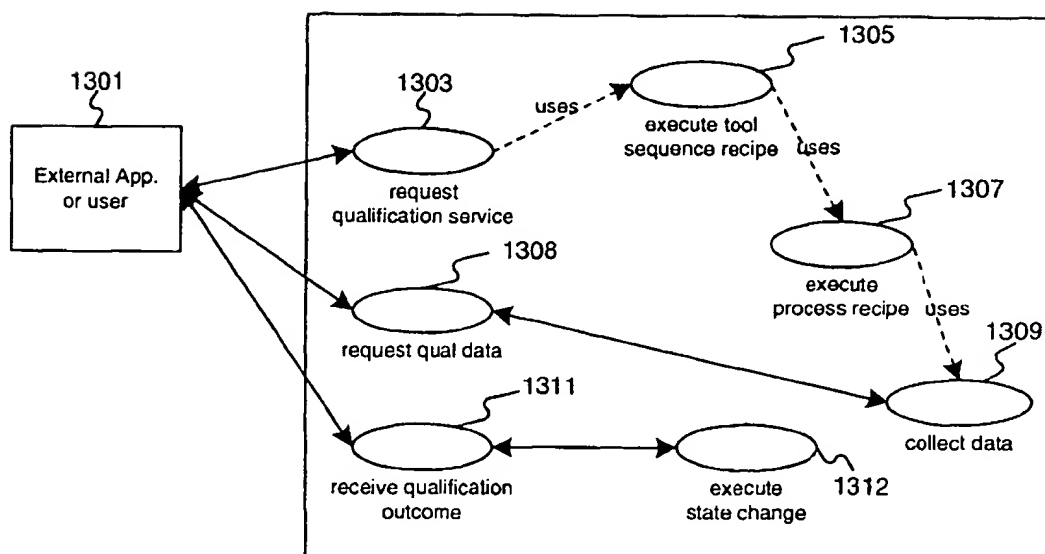


FIG. 13

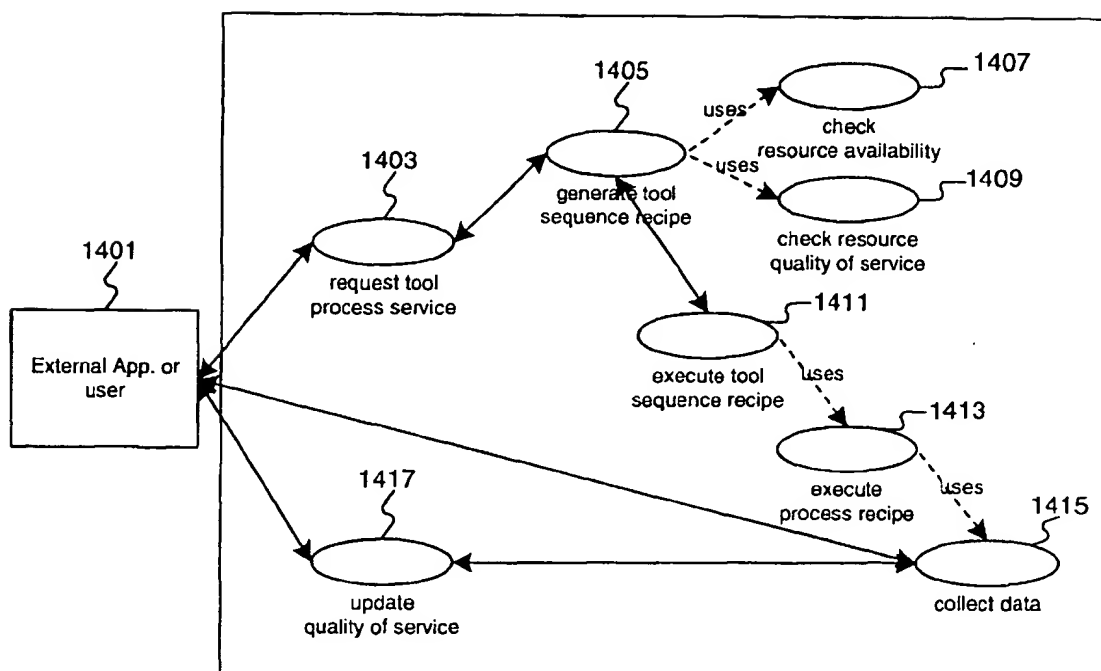


FIG. 14

R2R Control Scenario

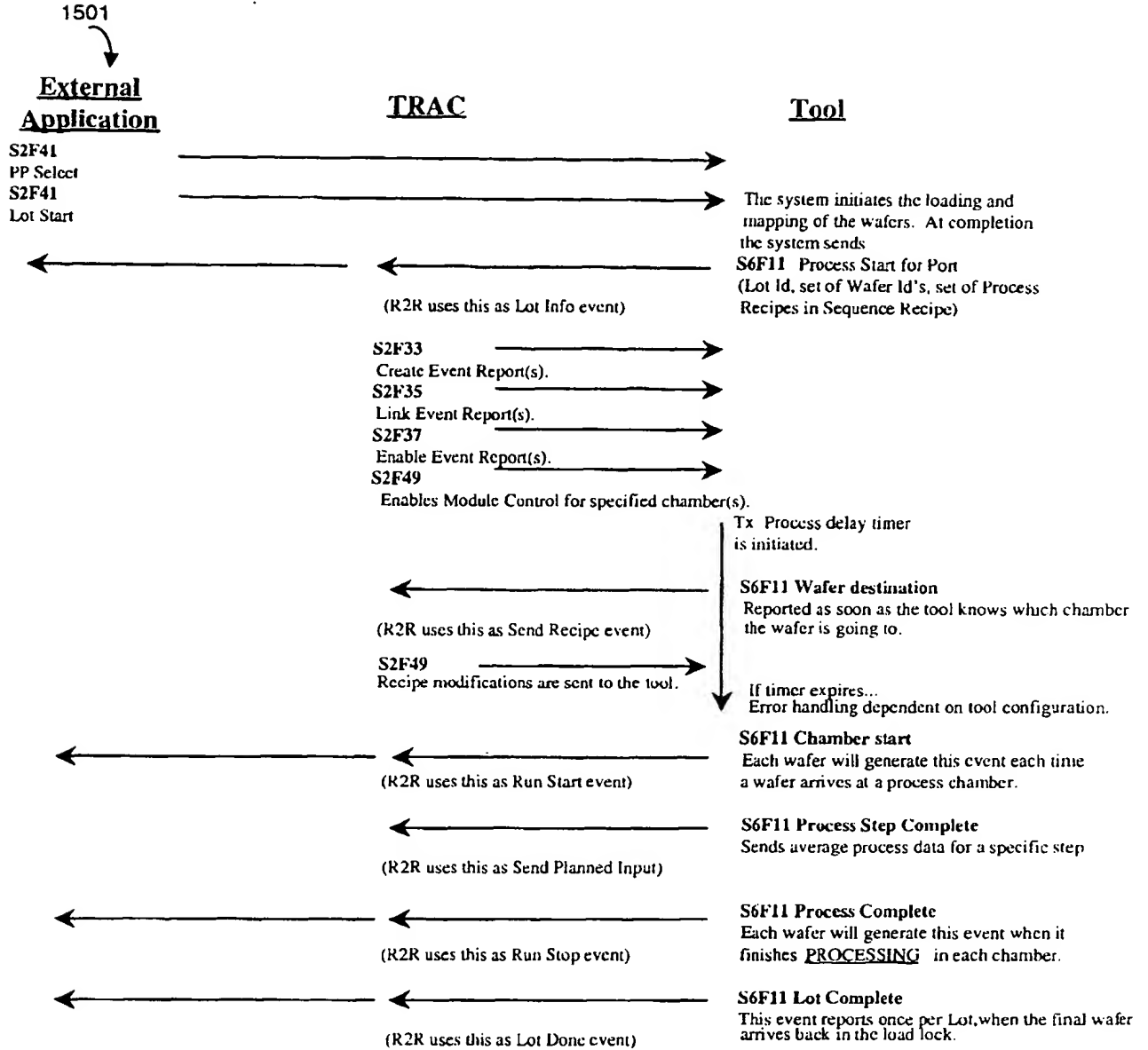


FIG. 15

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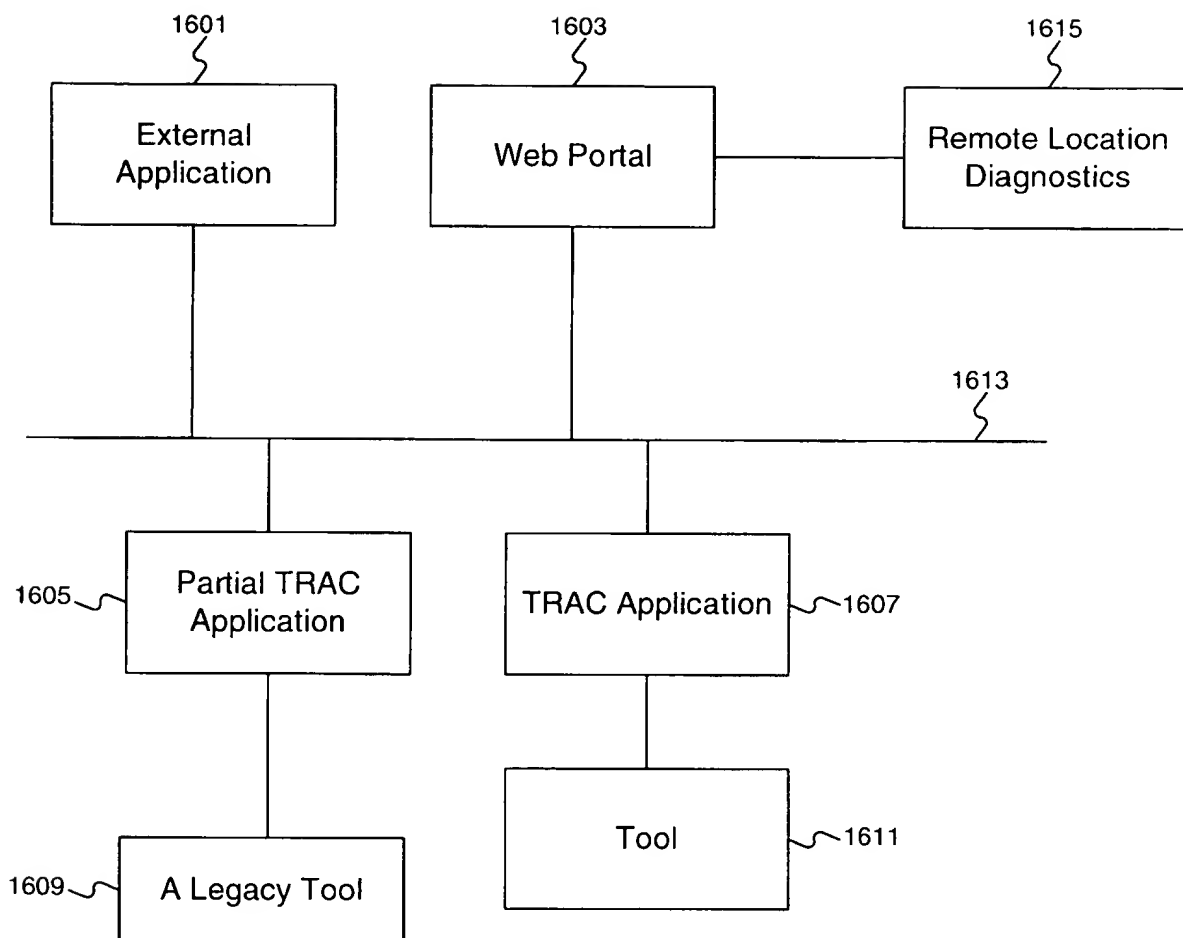


FIG. 16(a)

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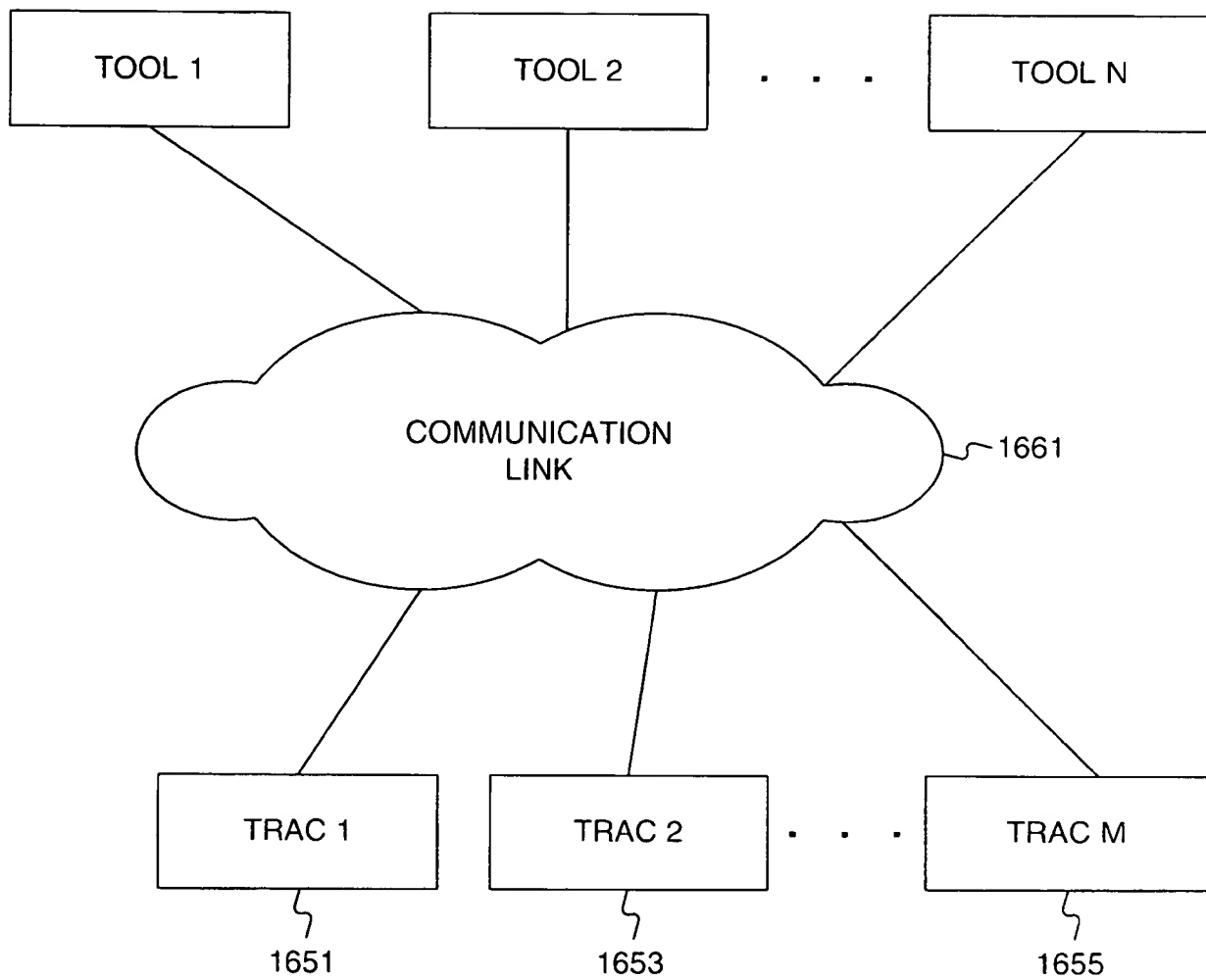


FIG. 16(b)

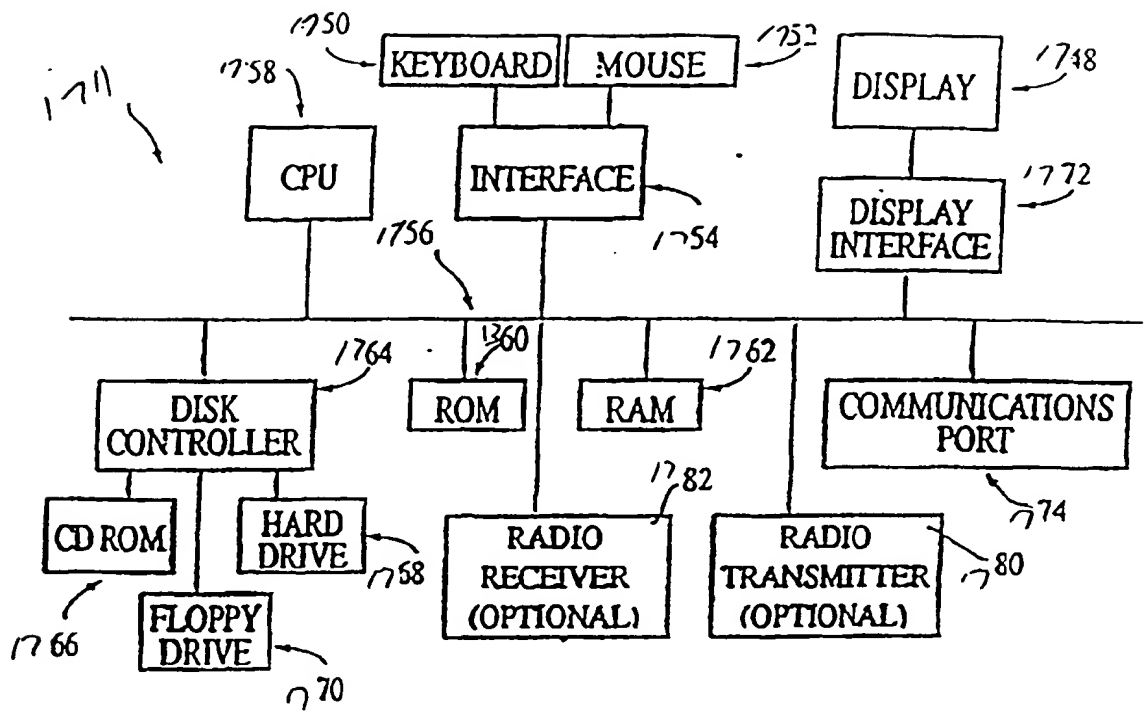


FIG. 17

092444-081301
REF ID: A62660

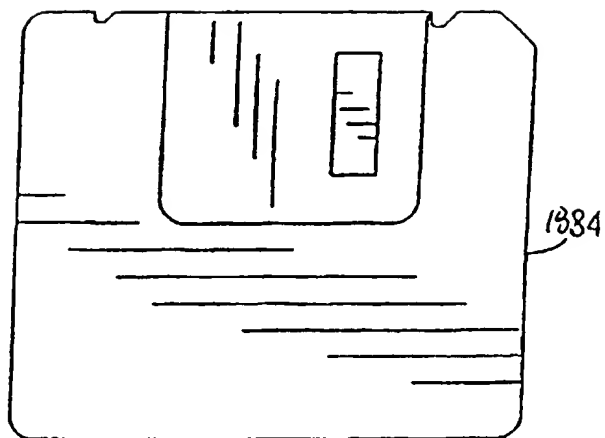


FIG. 1B